

**FIGURE 1A**

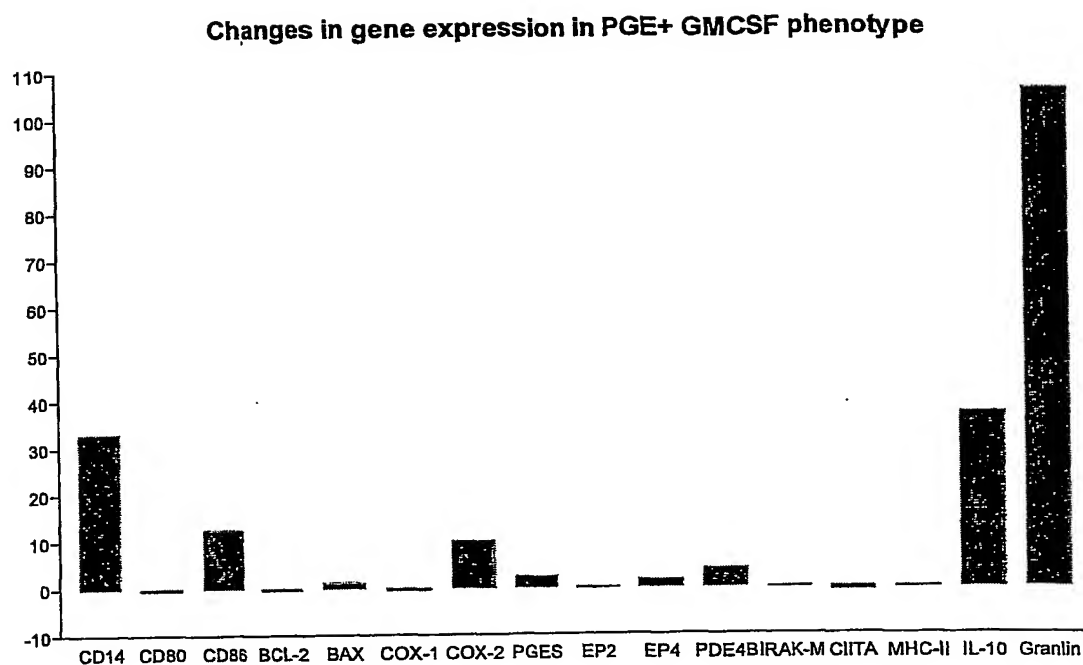
Human GMCSF cDNA. GenBank Accession No. NM\_000758

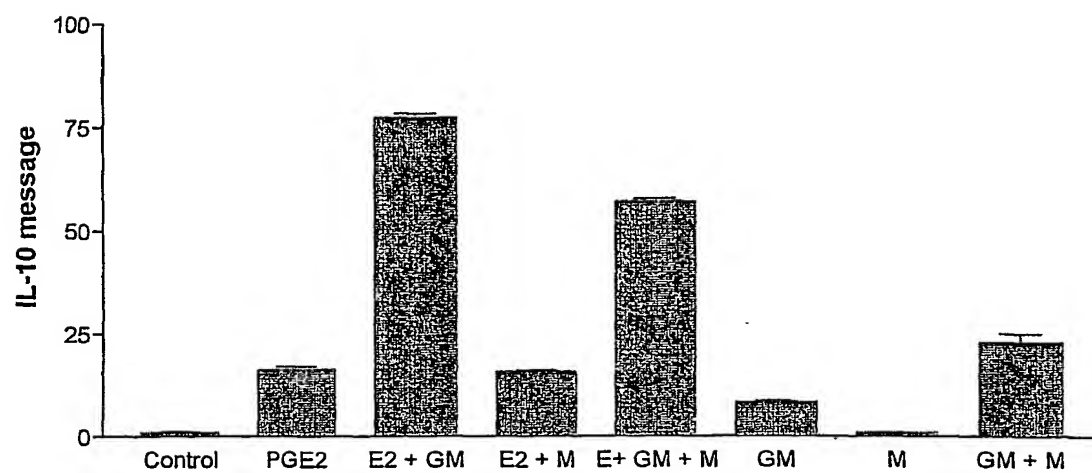
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121 aggcccggcg tctcctgaac ctgagtagag aactgctgc tgagatgaat gaaacagtag
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241 tgtacaagca gggcctgcgg ggcagcctca ccaagctcaa gggccccttg accatgatgg
301 ccagccacta caagcagcac tgccctccaa ccccggaac ttctgtgca acccagacta
361 tcacctttga aagtttcaaa gagaacctga aggactttct gcttgtcatc ccctttgact
421 gctgggagcc agtccaggag tgagaccggc cagatgaggc tggccaagcc ggggagctgc
481 tctctcatga aacaagagct agaaactcag gatgggtcatc ttggaggggac caaggggttg
541 gccacagcca tgggtgggagt ggcctggacc tgccctgggc cacactgacc ctgatacagg
601 catggcagaa gaatgggaat attttatact gacagaaatc agtaatatatt atatatattat
661 atttttaaaa tattttattta tttatttatt taagttcata ttccatatatt attcaagatg
721 ttttaccgta ataattatta ttaaaaatat gcttct
```

**FIGURE 1B**

Human GMCSF polypeptide. GenBank Accession No. NM\_000758

```
1 MWLQSLLLLG TVAC SISAPA RSPSPSTQPW EHVNAIQEAR RLLNLSRDTA AEMNETVEVI
61 SEMFDLQEPT CLQTRLELYK QGLRGS LTKL KGPLTMMASH YKQHCPTPE TSCATQTITF
121 ESFKENLKDF LLVIPDCWE PVQE
```

**FIGURE 2**

**FIGURE 3****Message 48 hours after treatment**

**FIGURE 4**

**IL-10 release after 4hour  
treatment and 20 hours culture**

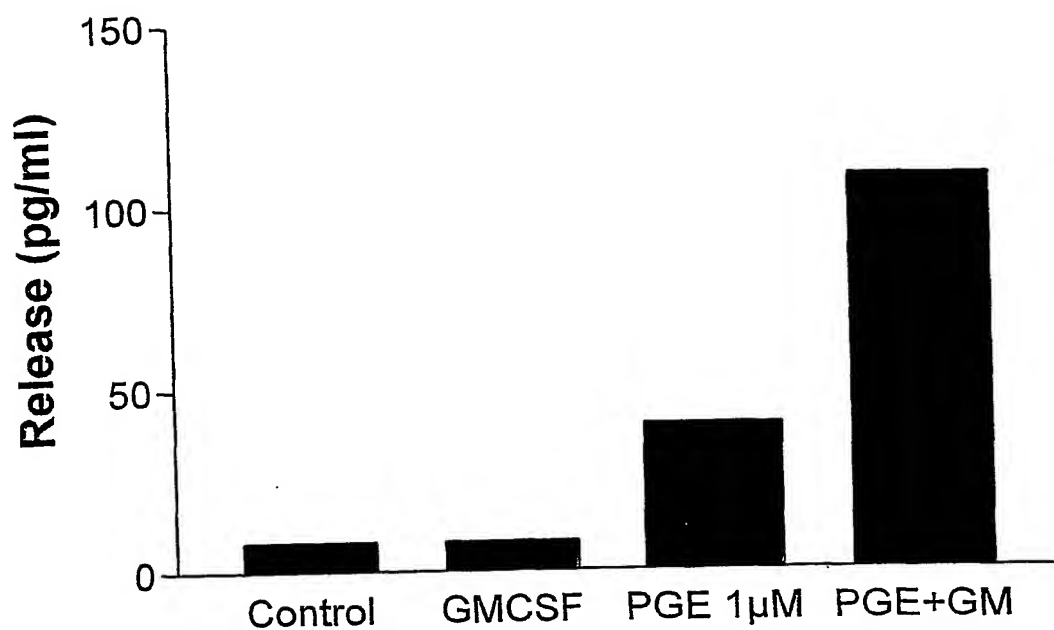


Figure 5A

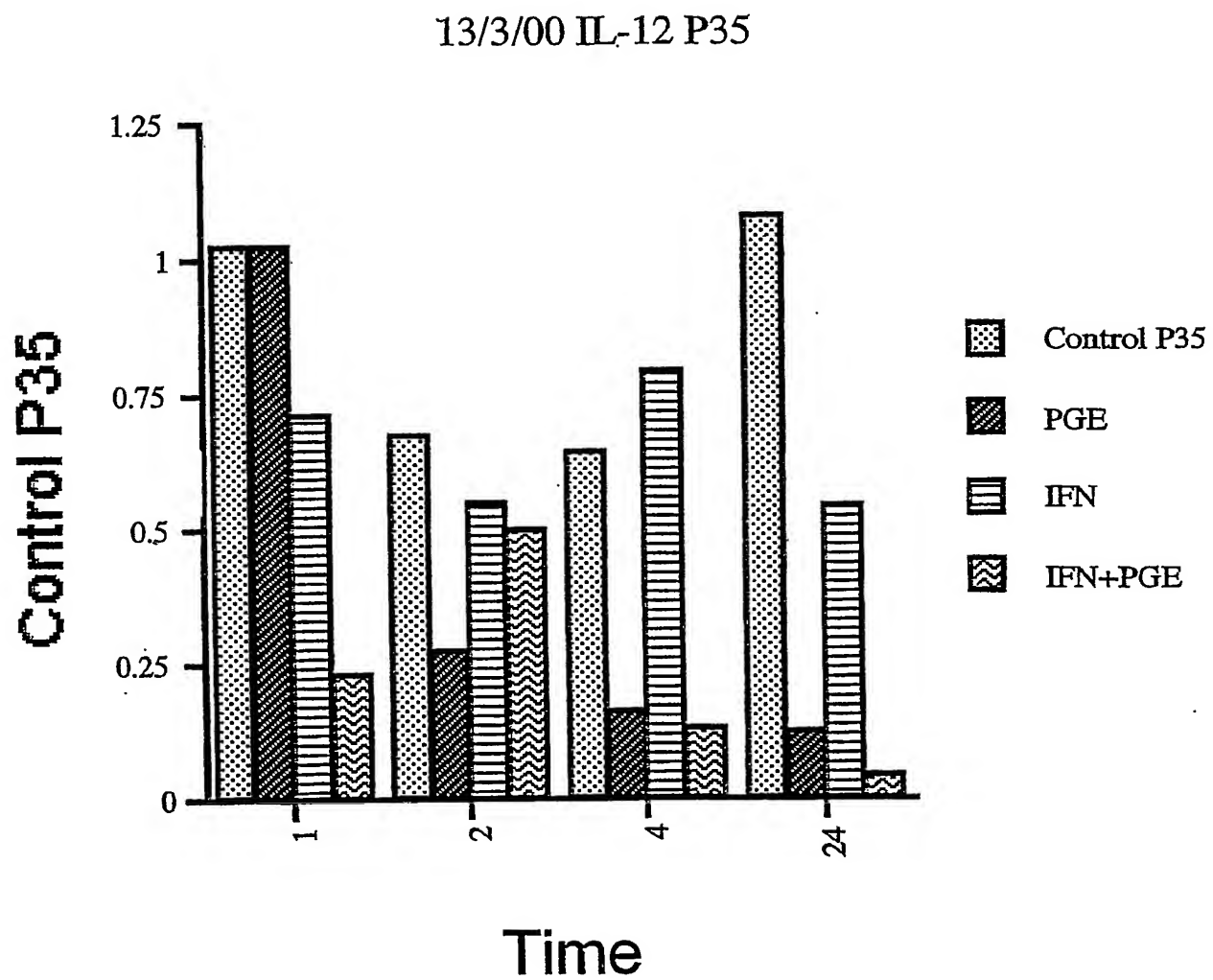


Figure 5B

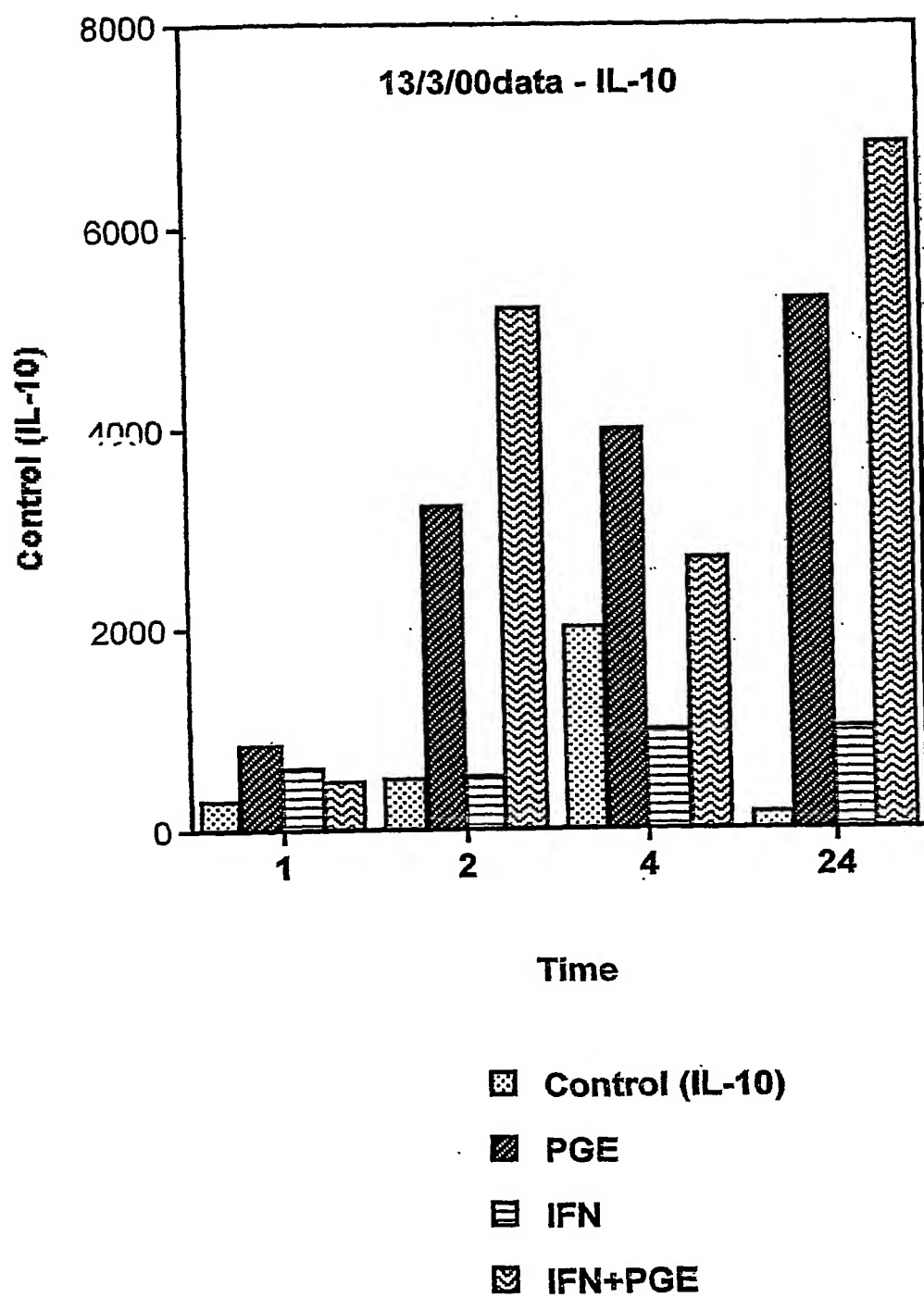


Figure 6A

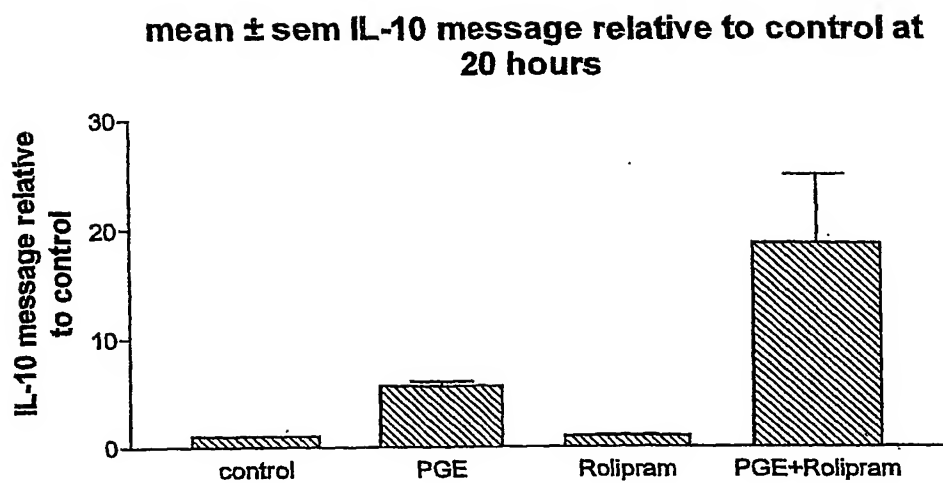
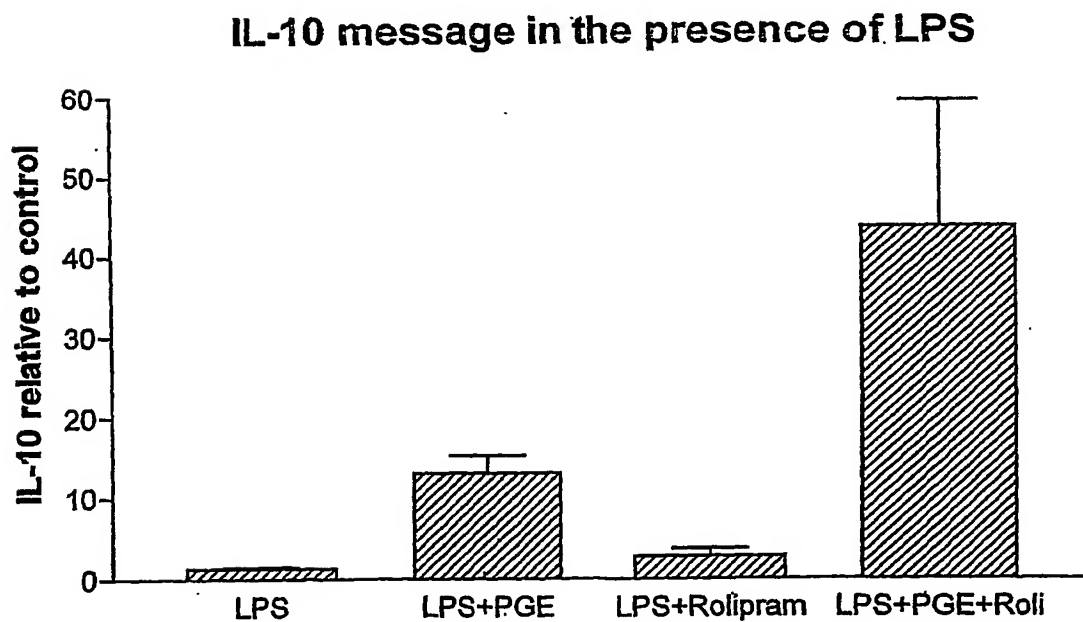
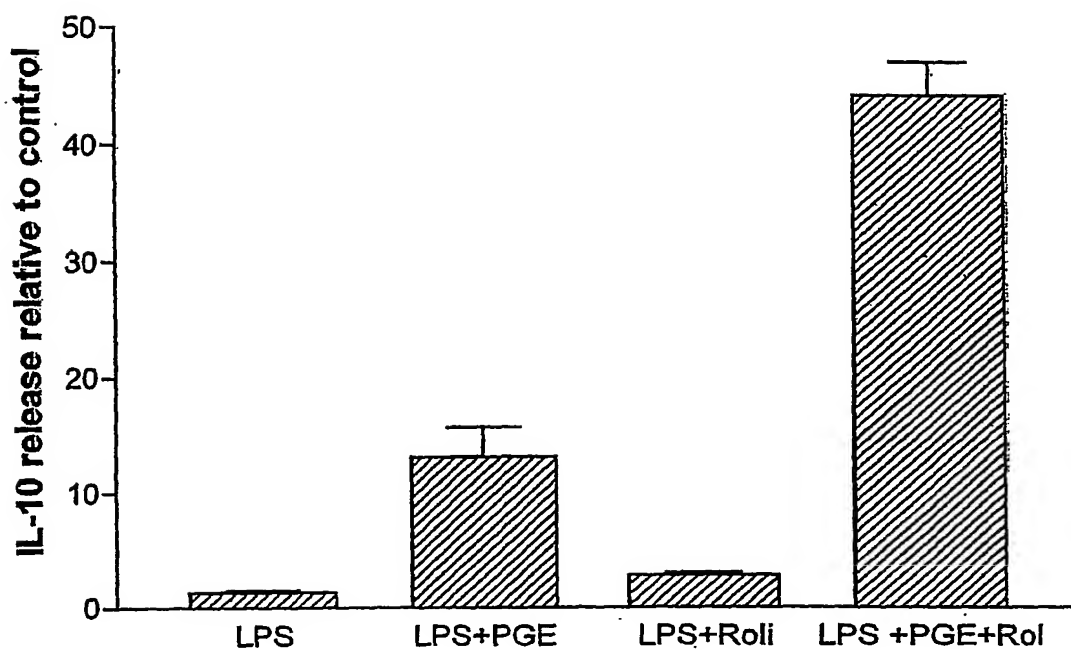


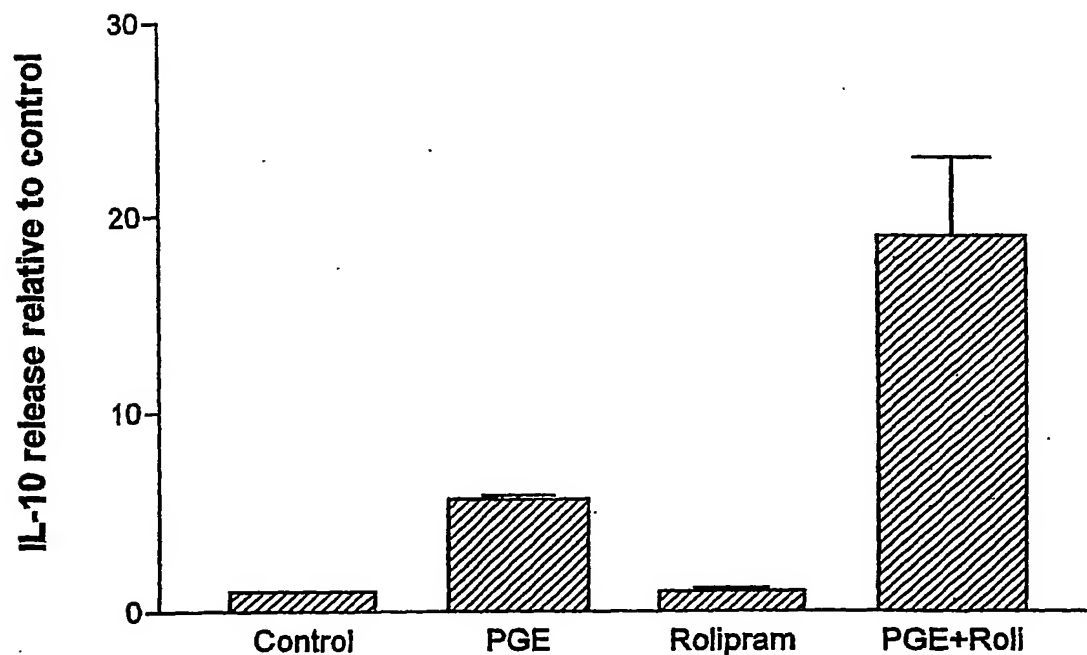
Figure 6B



**Figure 6C**  
**IL-10 release in presence of LPS**



**Figure 6D**  
**IL-10 release no LPS**





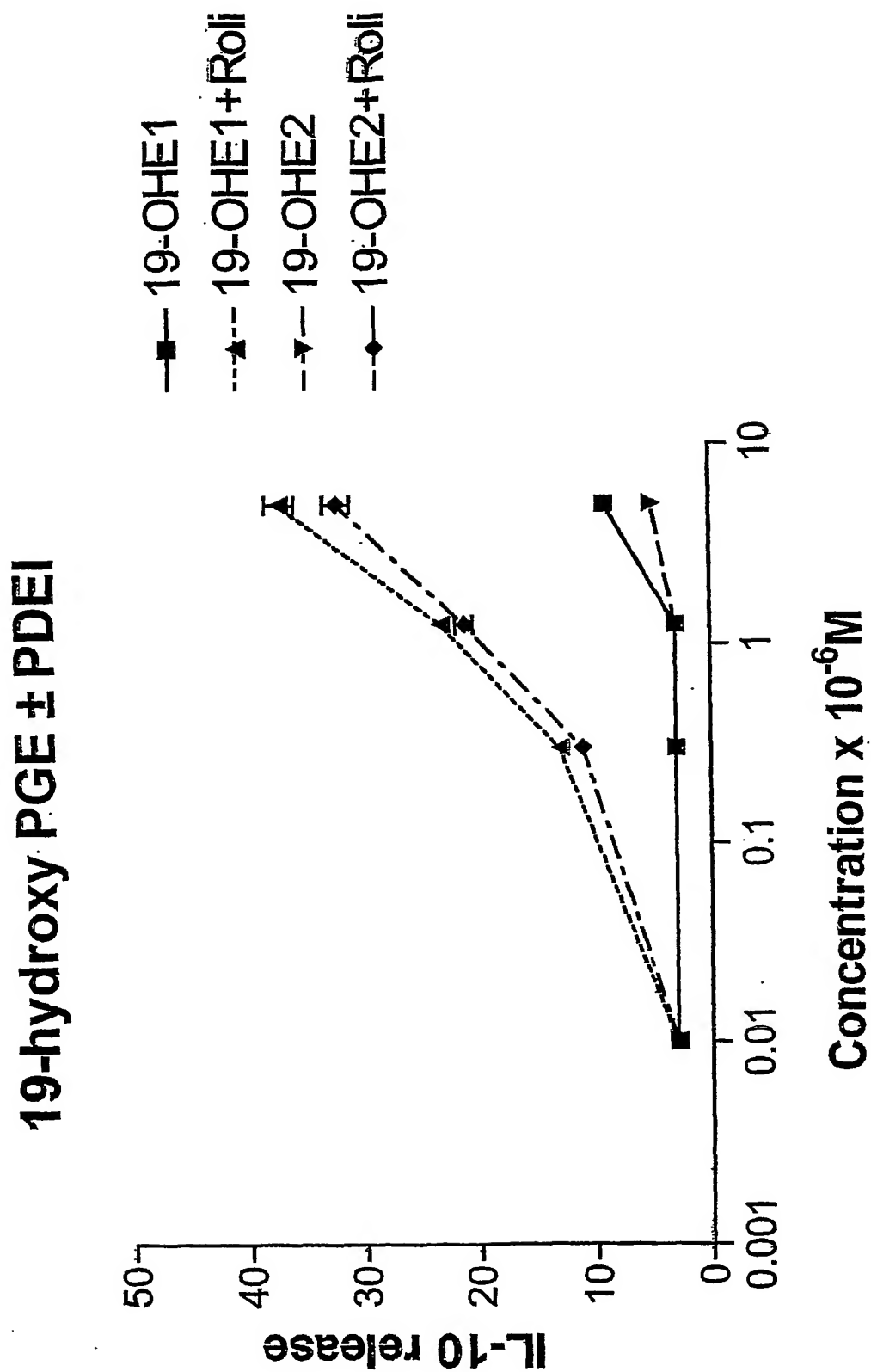


FIGURE 7

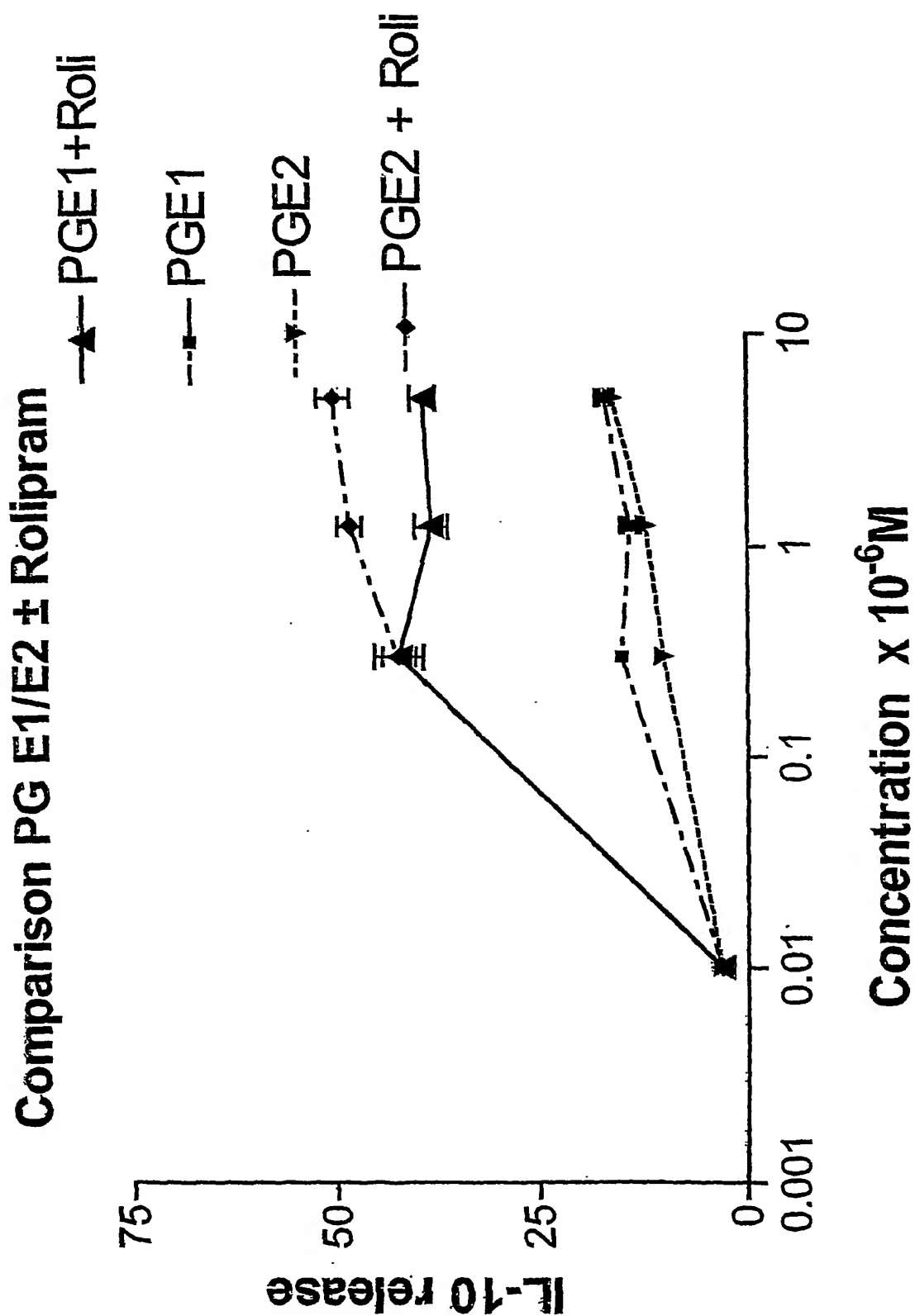


FIGURE 8

**Phosphodiesterase IVb mRNA  
(20 Hours)**

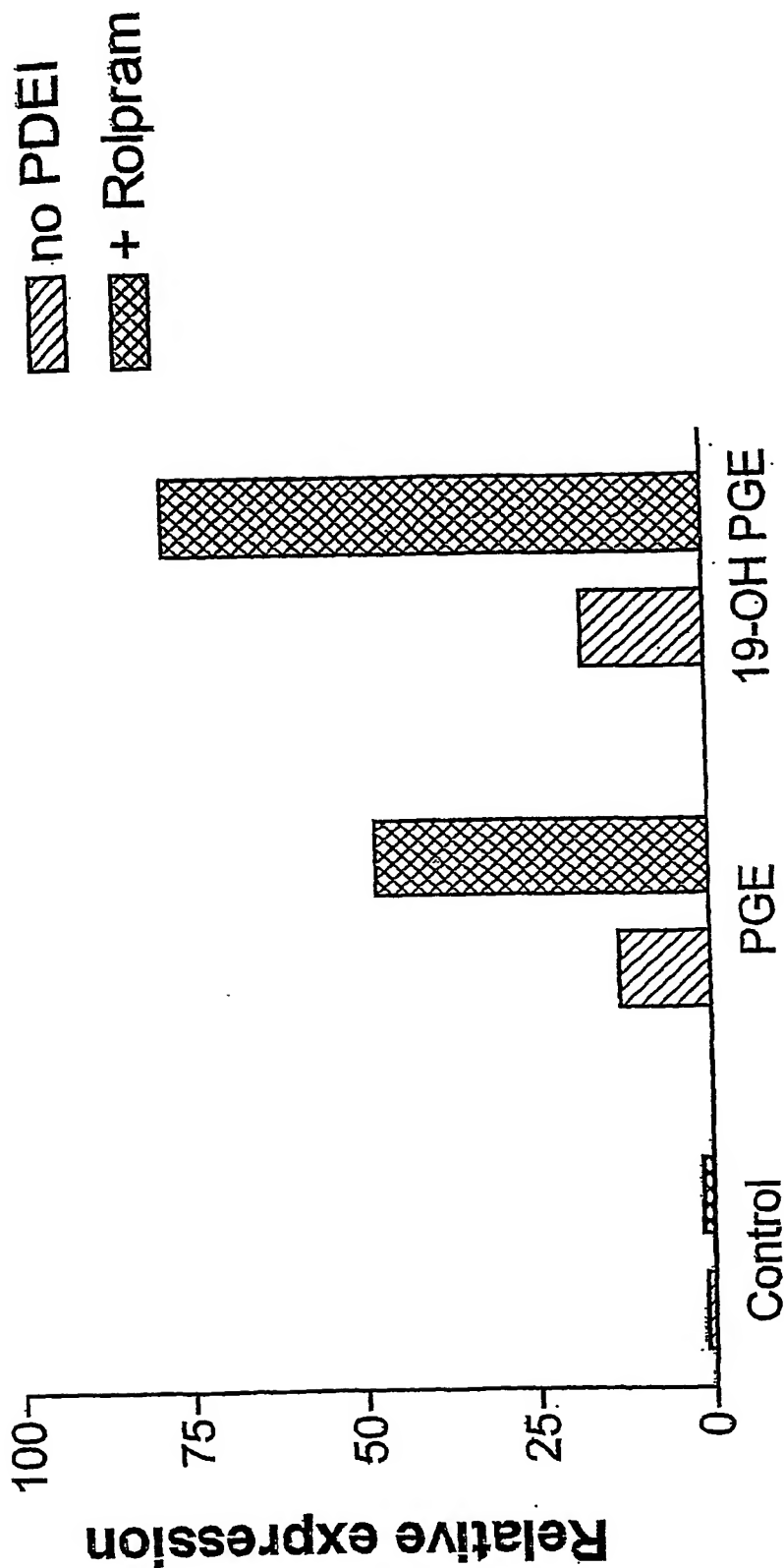


FIGURE 9

# Stem-Cell Lineages

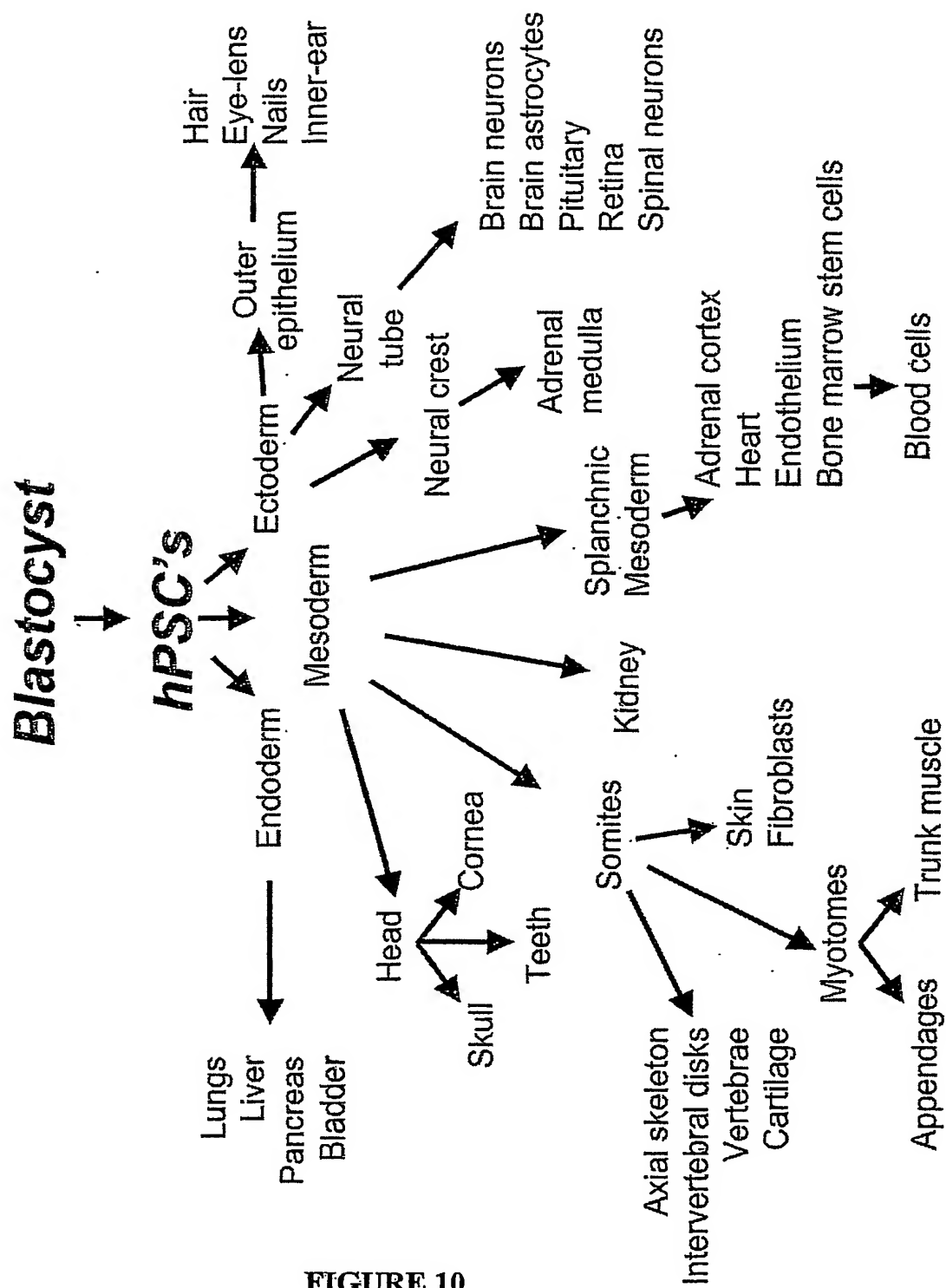
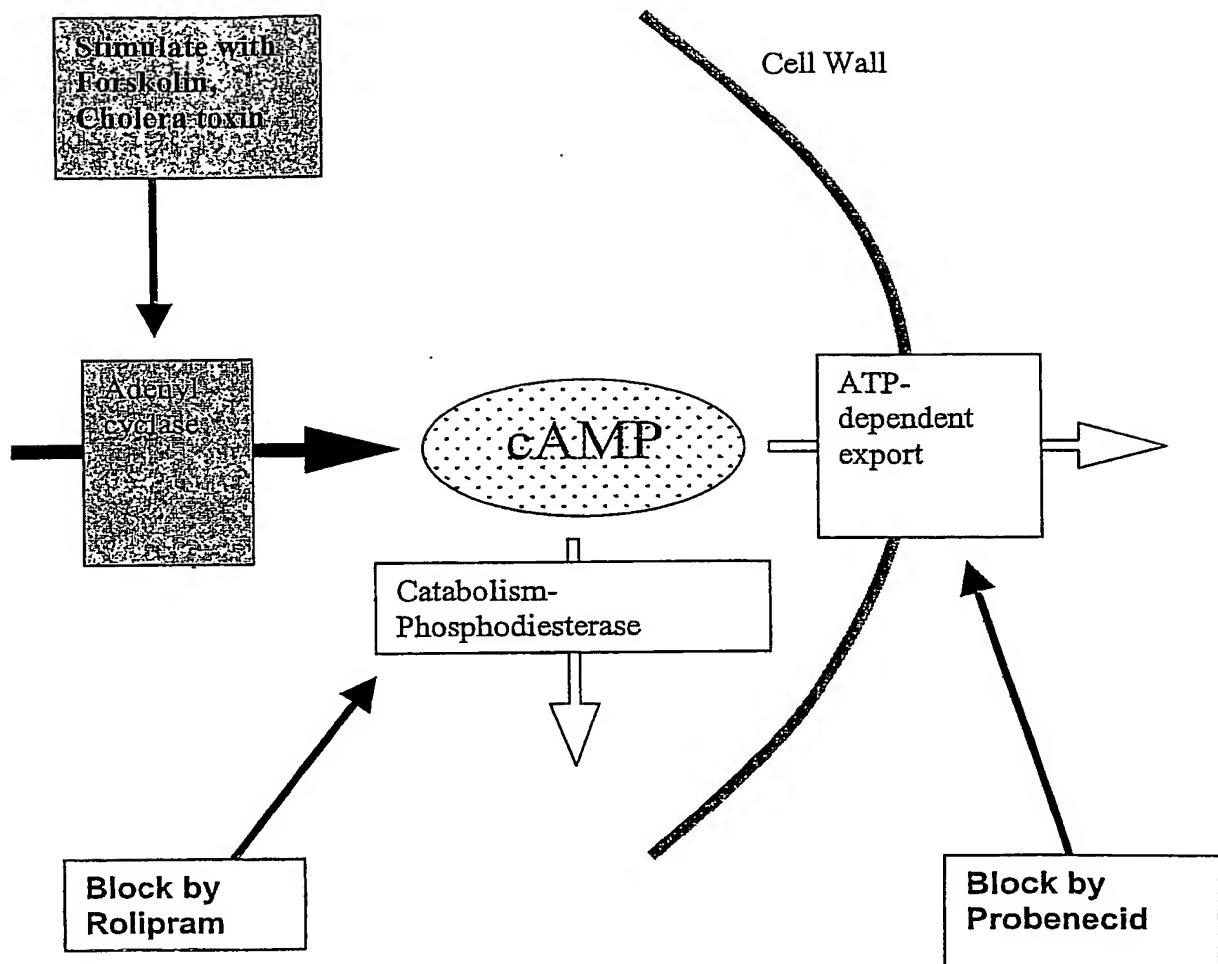


FIGURE 10

Figure.11



Agents controlling intracellular cAMP. Open arrows are effectively lowering intracellular cAMP levels. Solid arrow is stimulation. Combinations will be synergistic.

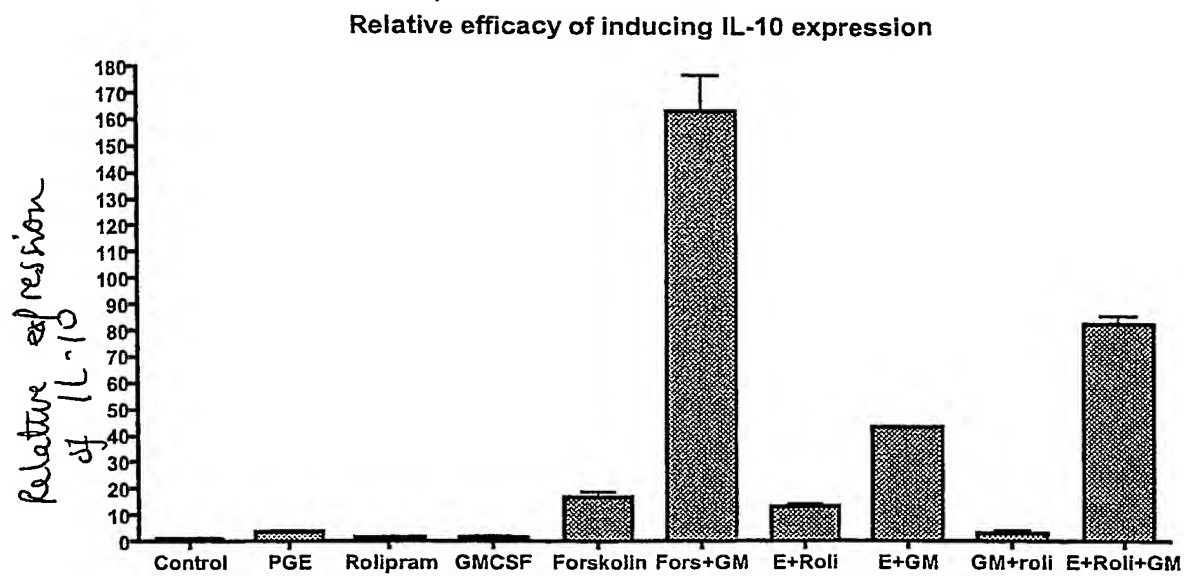


Figure 12

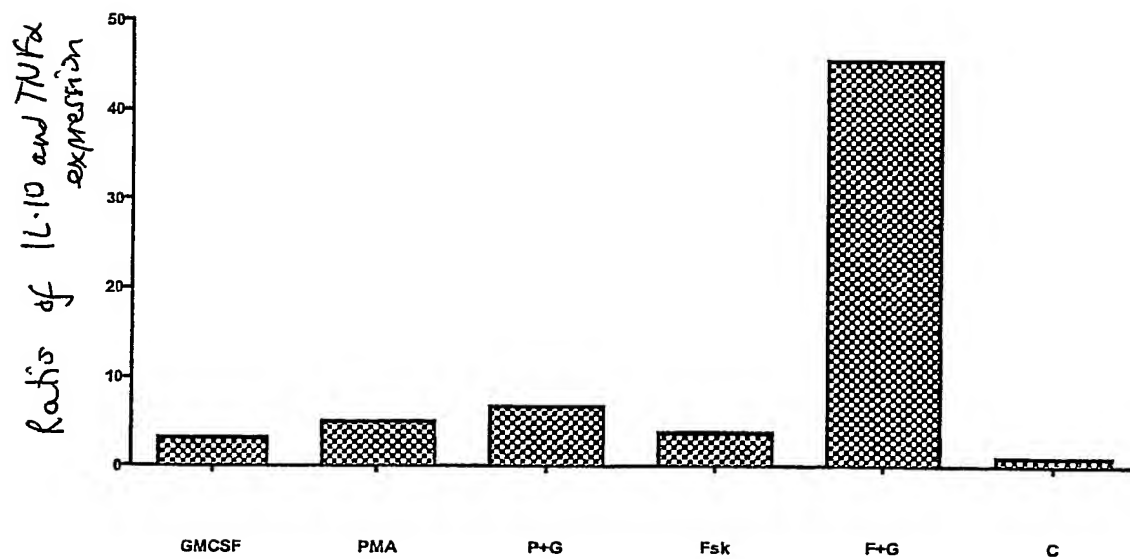
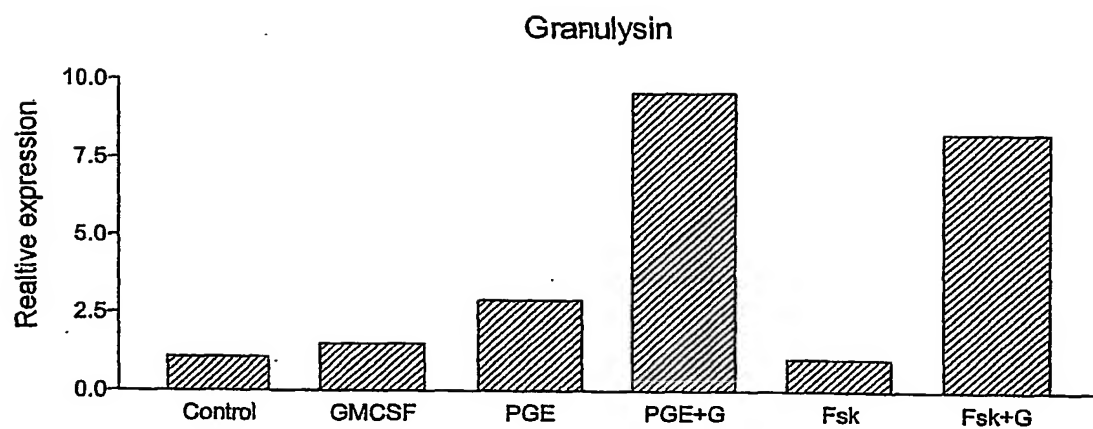


Figure 13

**Figure 14**

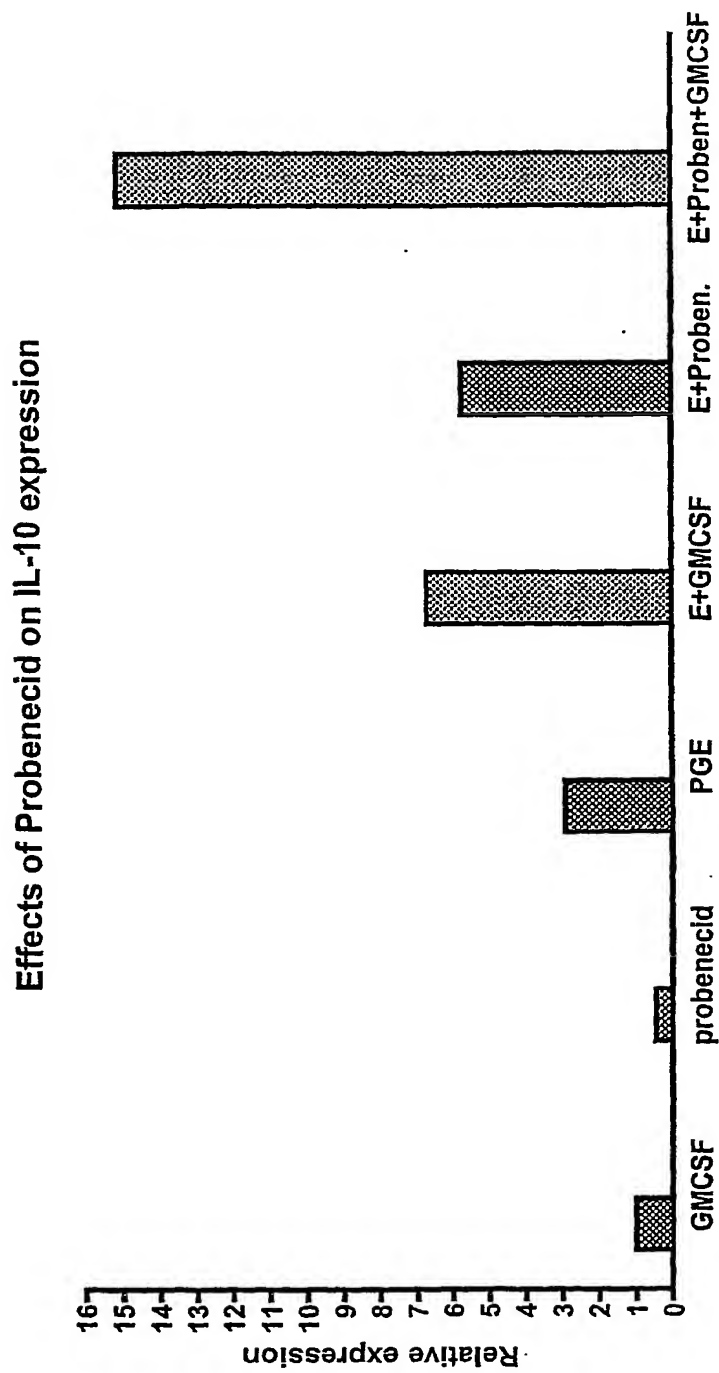


Figure 15